

gcloud auth login - authorize gcloud to access the Cloud Platform with Google user credentials

**SYNOPSIS**

```
gcloud auth login [ACCOUNT] [--no-activate] [--brief] [--no-browser] [--cred-file=CRED_FILE] [--enable-gdrive-access] [--force] [--no-launch-browser] [--login-config=LOGIN_CONFIG] [--update-adc] [GCLOUD_WIDE_FLAG ...]
```

**DESCRIPTION**

Obtains access credentials for your user account via a web-based authorization flow. When this command completes successfully, it sets the active account in the current configuration to the account specified. If no configuration exists, it creates a configuration named default.

If valid credentials for an account are already available from a prior authorization, the account is set to active without rerunning the flow.

Use `gcloud auth list` to view credentialed accounts.

If you'd rather authorize without a web browser but still interact with the command line, use the `--no-browser` flag. To authorize without a web browser and non-interactively, create a service account with the appropriate scopes using the Google Cloud Console and use `gcloud auth activate-service-account` with the corresponding JSON key file.

In addition to Google user credentials, authorization using workload identity federation, workforce identity federation, or service account keys is also supported.

For authorization with external accounts or service accounts, the `--cred-file` flag must

be specified with the path to the workload identity credential configuration file or service account key file (JSON).

Login with workload and workforce identity federation is also supported in both gsutil and bq. This command is the recommended way of using external accounts.

For more information on workload identity federation,  
see: <https://cloud.google.com/iam/docs/workload-identity-federation>.

For more information on workforce identity federation,  
see: <https://cloud.google.com/iam/docs/workforce-identity-federation>.

For more information on authorization and credential types,  
see: <https://cloud.google.com/sdk/docs/authorizing>.

EXAMPLE To obtain access credentials for your user account, run:

```
gcloud auth login
```

To obtain access credentials using workload or workforce identity federation, run:

```
gcloud auth login --cred-file=/path/to/  
configuration/file
```

To obtain access credentials using a browser-based sign-in flow with workforce identity federation, run:

```
gcloud auth login --login-config=/path/to/  
configuration/file POSITIONAL  
ARGUMENTS[ACCOUNT] User account used for  
authorization. When the account
```

specified has valid credentials in the local credential store these credentials will be re-used, otherwise a new credential will be fetched. If you need to fetch a new credential for an account with valid credentials stored, run the command with the `--force` flag. `gcloud auth login --force` Set the new account to active. Enabled by default, use `--no-active` to disable. `--brief` Minimal user output. `--browser` If you want to authorize the gcloud CLI on a machine that doesn't have a browser and you can install the gcloud CLI on another machine with a browser, use the `--no-browser` flag.

1. To initiate authorization, enter the following command:

```
gcloud auth login --no-browser
```

2. Copy the long command that begins

with `gcloud auth login --remote-bootstrap=`.

3. Paste and run this command on the command line of a different, trusted machine that has local installations of both a web browser and the gcloud CLI tool version 372.0 or later.

4. Copy the long URL output from the machine with the web browser.

5. Paste the long URL back to the first machine under the prompt, "Enter the output of the above command", and press Enter to complete the authorization.

Enabled by default, use `--no-browser` to disable.

`--cred-file=CRED_FILE` Path to the external



account configuration file (workload identity pool, generated by the Cloud Console or `gcloud iam workload-identity-pools create-cred-config`) or service account credential key file (JSON).  
`--enable-gdrive-access` Enable Google Drive access.  
`--force` Re-run the web authorization flow even if the given account has valid credentials.  
`--launch-browser` Launch a browser for authorization. If not enabled or if it is not possible to launch a browser, prints a URL to standard output to be copied.

If you want to authorize the `gcloud` CLI on a machine that doesn't have a browser and you cannot install the `gcloud` CLI on another machine with a browser, use the `--no-launch-browser` flag. The `--no-launch-browser` flag prevents the command from automatically opening a web browser.

1. To initiate authorization, enter the following command:

```
gcloud auth login --no-launch-browser
```

2. Copy the long URL that begins with `https://accounts.google.com/o/oauth2/auth..`

3. Paste this URL into the browser of a different, trusted machine that has a web browser.

4. Copy the authorization code from the machine with the web browser.

5. Paste the authorization code back to the first machine at the prompt, "Enter authorization code", and press Enter to complete the authorization.



Enabled by default, use `--no-launch-browser` to disable.

`--login-config=LOGIN_CONFIG` Path to the workforce identity federation login configuration file which can be generated using the `gcloud iam workforce-pools create-login-config` command. Overrides the default `auth/login_config_file` property value for this command invocation.

`--update-adc` Write the obtained credentials to the well-known location for Application Default Credentials (ADC). Run `$ gcloud auth application-default --help` to learn more about ADC. Any credentials previously generated by `gcloud auth application-default login` will be overwritten.

**GLOUD WIDE FLAGS** These flags are available to all commands: `--access-token-file`, `--account`, `--billing-`

project, --configuration, --flags-file, --flatten, --format, --help, --impersonate-service-account, --log-http, --project, --quiet, --trace-token, --user-output-enabled, --verbosity.

Run `$ gcloud help` for details.

NOTE These variants are also available:

`gcloud alpha auth login`

`gcloud beta auth login`

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